

Inventor(s): Lichtenhan, et al.  
 Appln. No.: 09 | 631,892  
 Series Code ↑ | Serial No. ↑

Group Art Unit 1712  
 Examiner: J. Robertson  
 Atty. Dkt. P 0282005  
 M# | Client Ref

Filed: August 4, 2000

Commissioner of Patents  
 Washington, D.C. 20231

Appln. Title: PROCESS FOR THE FORMATION OF  
 POLYHEDRAL OLIGOMERIC  
 SILSESQUIOXANES

Sir:

### AMENDMENT

Date: March 21, 2002

This is a amendment in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

### FEE REQUIREMENTS FOR CLAIMS AS AMENDED

| 1. Small Entity claim   | For B & C<br>See <u>Required</u><br><u>Separate Paper</u><br>(Pat-256) |  | Claims<br>remaining after<br>amendment   | Highest number<br>previously paid for | Present Extra   | Large/Small Entity | Additional<br>Fee | Fee Code<br>Lg/Sm |         |
|---|--|--|--|---------------------------------------|-----------------|--------------------|-------------------|-------------------|---------|
| A. <input type="checkbox"/> NOT made  | }  |  | 116  | **minus                               | 126             | 0                  | x \$18/\$9 =      | + \$0             | 103/203 |
| B. <input type="checkbox"/> Withdrawn   |  |  | 8  | ***minus                              | 8               | 0                  | x \$84/\$42 =     | + \$0             | 102/202 |
| C. <input type="checkbox"/> made herewith   |  |  | 4. If amendment enters <u>proper</u> multiple dependent claim(s) into this application for <u>first</u><br>time (leave blank if this is a <u>reissue</u> application)..... add |                                       | + \$280/\$140 = | + \$0              | 104/204           |                   |         |
| D. <input checked="" type="checkbox"/> made previously  |  |  | 5. Original due Date: January 24, 2002   | <input type="checkbox"/> NONE         |                 |                    |                   |                   |         |
| 6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached |  |  | (1 mo)   | \$110/\$55 =                          | + \$200         |                    |                   | 115/215           |         |
|   |  |  | (2 mos)  | \$400/\$200 =                         |                 |                    |                   | 116/216           |         |
|   |  |  | (3 mos)  | \$920/\$460 =                         |                 |                    |                   | 117/217           |         |
|   |  |  | (Usable only for ≤ 2mo.OA --- 4 mos)   | \$1,440/\$720=                        |                 |                    |                   | 118/218           |         |
|   |  |  | (Usable only for 30 day/1mo.OA --- 5 mos)  | \$1,960/\$980=                        |                 |                    |                   | 128/228           |         |
| 7. Enter any previous extension fee paid since above original due date and subtract   |  |  |  |                                       | - \$0           |                    |                   |                   |         |
| 8.  |  |  | Extension Fee Attached   |                                       | + \$200         |                    |                   |                   |         |
| 9. If <u>Terminal Disclaimer</u> attached, add Rule 20(d) official fee .....  |  |  |  |                                       | + \$110/\$55    | + \$0              | 148/248           |                   |         |
| 10. If IDS attached requires Official Fee under Rule 97 (c), .....  |  |  | add  |                                       | + \$180         | + \$0              | 126               |                   |         |
| or if Rule 97(d) Request .....  |  |  | add  |                                       | + \$180         | + \$0              | 126               |                   |         |
| 11. After-Final Request Fee per rules 129(a) and 17(r) .....  |  |  |  |                                       | + \$740/370     | + \$0              | 146/246           |                   |         |
| 12. No. of additional inventions for examination per Rule 129(b) .....  |  |  |  |                                       | x \$740/370 ea  | + \$0              | 149/249           |                   |         |
| 13. Request for Continued Examination (RCE) .....   |  |  |  |                                       | + \$740/370     | + \$0              | 1179/1279         |                   |         |
| 14. Petition fee for .....  |  |  |  |                                       |                 | + \$0              |                   |                   |         |
| 15.   |  |  | TOTAL FEE ENCLOSED =   |                                       | \$200           |                    |                   |                   |         |

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 038559 | 0282005

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

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By Atty: Karry W. Wang

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### CERTIFICATE OF MAILING

RECEIVED

APR 08 2002

TC 1700

I hereby certify that this correspondence is being deposited with the United States Postal Service, postage prepaid, in an envelope addressed to Commissioner of Patents, Washington D.C. 20231-9999 on 3/21/02

Date: March 21, 2002

By: *[Signature]*

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: LICHTENHAN, et al.

Examiner: Robertson

Serial No. 09/631,892

Art Unit: 1712

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Title: PROCESS FOR THE FORMATION OF  
POLYHEDRAL OLIGOMERIC SILSESQUIOXANES

\* \* \* \* \*

AMENDMENT AND RESPONSECommissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated October 24, 2001, please enter and consider the following amendment and remarks.

IN THE SPECIFICATION

Page 2, line 5, insert --(Rikowski, E. and Marsmann, H.C., Polyhedron, 1997, 16, 3357-3361).-- before "While".

Page 2, line 18, change "Brown et al. and Marsmann et al." to --see, e.g., Brown, J. F., Vogt, L. H., and P. I. Prescott J., Am. Chem. Soc. 1964, 86, 1120-1125; Rikowski, E. and Marsmann, H.C. Polyhedron, 1997, 16, 3357-3361--.

Page 5, top of the page, delete [Figure 1. Examples of Common Silsesquioxane, Silicate, POSS Nanostructures and Fragments.].

Page 9, top of the page, change "Figure 2. Illustration of Process I where polymeric silsesquioxane resins are converted into POSS fragments and nanostructures." to --Scheme 1-

#11/B  
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